Date: Mon, 31 May 93 16:58:10 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #662
To: Info-Hams

Info-Hams Digest Mon, 31 May 93 Volume 93 : Issue 662

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

Date: 31 May 93 08:11:30 -0600
From: usc!howland.reston.ans.net!darwin.sura.net!nntp.msstate.edu!nntp.memst.edu!
cse_test@network.UCSD.EDU
Subject: '530 50-110MHz is it possible?
To: info-hams@ucsd.edu

Is is possible for the Yaesu FT-530 to receive 50-110MHz?

Date: Mon, 31 May 1993 10:00:55 GMT
From: usc!cs.utexas.edu!tamsun.tamu.edu!news.utdallas.edu!feenix.metronet.com!

marcbg@network.UCSD.EDU
Subject: FT-530 AM detector?
To: info-hams@ucsd.edu

In article <C7vF4z.LBB@cantua.canterbury.ac.nz> Roger Corbett
<R.Corbett@csc.canterbury.ac.nz> writes:
>In article <1993May30.161412.7686@msuvx1.memst.edu> ,
>cse_test@msuvx1.memst.edu writes:
>>530 has an AM detector that can be enabled on the VHF receiver for

Maybe some one could answer this fellows questions instead of providing
him with a complete analysis of AM vs. FM detectors. From the Yeasu
manual, page 35:

> Your FT-530 has an AM detector that can be enabled on the VHF
> receiver to permit reception of AM signals (useful for air-band
> reception...) To turn it on:
> Press f/m (function key) then SET then f/m then VFO ("A3 ON" will
> appear). Do the same thing to turn it off, i.e.:
> f/m ---> SET ---> f/m ---> VFO.

Marc, N5MEI
--

Date: Mon, 31 May 1993 11:10:48 GMT
From: usc!math.ohio-state.edu!cyber1.cyberstore.ca!van-bc!vanbc.wimsey.com!
cs.ubc.ca!newsserver.sfu.ca!sfu.ca!tpang@network.UCSD.EDU
Subject: HP48SX
To: info-hams@ucsd.edu

ST1860@SIUCVMB.SIU.EDU (Gary R. Smith KE9MI) writes:
>Hi--
>   I was wondering if anyone had and knowledge or expierence using the Hewlet
>t Packard HP48SX in ham radio applications or if anyone knew of anylisting for
>any type of programs for it. I use it enough for school and work, but I haven'
>t seen anything beyond that...Just Curious...Thanx Gary KE9MI

There are the Morse tutor called cw, a vt52 terminal emulator for the serial
port which can be used for packet, may be some math radio/electronics
equation solver, the universal infrared remote program (don't know if
it can remote any ham infrared device), may be supporting the "cloning"
feature of some radios thru the mic/sp from serial port, which you can
edit and download back (known to work on computers, should work on 48 but
not tested), a 1750Hz tone burst generator ?.

May be more but some are not tested and just are my thoughts. Some are
not doable without extra hardware, such as DTMF encoding.

>Internet: ST1860@siucvmb.siu.edu
>Bitnet: ST1860@siucvmb.bitnet

  Regards,
    David
.---.
| In real life: David Tse   E-mail: tpang@sfu.ca (Internet) |
| Amateur radio callsign: VE7MDT (Advanced) |
| Snail Mail: P.O. Box 26052, Richmond, B.C., V6Y 2B0, Canada |
| Main computer: Amiga A3000/25, AMaxII, ZyXEL U-1496E, HP DeskJet PLUS |
| Others: HP48SX, Amiga A1000 |
| Quiz of the day: (5/29/93) |
| "My speed measurement software can measure the actual clock speed of |
| the processor in a personal computer, yes, the frequency of the |
| quartz crystal (or divide there of)"   True or False? |
| Disclaimer: Any of the content here does not represent the view of |
| any other bodies except David Tse. |
!---!

Date: 31 May 1993 15:55:04 -0400
From: digex.com!digex.net!not-for-mail@uunet.uu.net
Subject: HTX-202 birdies
To: info-hams@ucsd.edu

plaws@uafhp.uark.edu (Peter Laws) writes:
>> PS: Is it normal for the 202 to have a birde on 146.760??
>None on mine. Does it go away when you turn the computer off?   8-)
>My Amiga (MC68000 + custom co-processors) has a HUGE spur at *exactly*
>146.76 MHz, which is, of course, the most active local repeater.

No problem.

Just change the frequency of the local repeater. :)

--

bote@access.digex.net (John Boteler)
WARNING: You are subject to pre-emption!

Date: Mon, 31 May 1993 15:30:15 GMT
From: usc!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!
Freenet.carleton.ca!ae517@network.UCSD.EDU
Subject: IC 271/471 vs IC 275/475 Performance Question
To: info-hams@ucsd.edu

Ok Gary, tnx for the response, very thought-provoking! If you
can find the address for the Mutek board supplier, it would be
very much appreciated.

I would think, at first glance anyway, that replacing the mixer
would be a good idea. However, I would be loathe to replace
PIN diodes with a mechanical relay, IF it meant slower TR switch-
ing times. I believe that 9600 baud packet will be coming to
the Ottawa area soon, and I'd hate to slow the rig's
TR switching. Perhaps a simple replacement of the existing PIN
diodes with newer, less lossy components would work. One could
have his cake and eat it too! :-)

I have never seen a review published on either the 211/251 rigs,
what would the TR switching time be?

As for the "clunky" PLL on the 251, this arrangement is similar
to that which I've seen on commercial (certain) rigs, where for
some obscure reason they don't publish the carrier frequency,
but the centre of signal. Concur with that point, OM!

What is the active device used on the Mutek mixer?

tnx agn for the advice.
de ve3uav
--

Date: Mon, 31 May 1993 16:30:14 GMT
From: usc!howland.reston.ans.net!gatech!ee.gatech.edu!gauss.eedsp.gatech.edu!
tucker@network.UCSD.EDU
Subject: Info needed: operating in France
To: info-hams@ucsd.edu

Hello all. I'm lucky enough to get to spend this summer studying in France.
Thanks to the very helpful people at ARRL HQ, I have the info and forms
regarding reciprocal licensing in France. However, I had a couple questions
about operating.

First, I intend to take my Icom IC-32AT over. I know that there is a repeater
near Metz, where I will be living. Do French repeaters require the 1750 Hz

tone burst to access them? If so, can I modify the 32AT to generate it?
I have the schematic and could change the diodes so it's a 32ET. Will that
do it? Or should I practice my whistling?

Secondly, are there any French hams on the net who are reasonably close to
Metz, in Lorraine? I'd like to get together with other hams, but I won't
have a car so the distance I can travel will be limited.

Finally, it looks like licensing in France is very straightforward. But,
any hints would be appreciated. Also, if anyone has obtained a reciprocal
license from Moncao or Luxembourg, I'd be interested in knowing how difficult
that was. I might have time for a mini-DXpedition.

Thanks es 73
Jeff, N9HZQ

--

Jeff Tucker   ()<   N9HZQ
tucker@eedsp.gatech.edu   Graduate Student, Electrical Engineering
W4AQL Contest Domination Team   Georgia Institute of Technology
                    -PGP Key Available On Request-

Date: 31 May 93 09:29:23
From: gumby!destroyer!csd475b!newsserv!majewski@yale.arpa
Subject: Input sought: th11dx vs pro57a
To: info-hams@ucsd.edu

Hello to all-

  I am trying to decide between the HyGain th11dx and the Mosley Pro57a
antennas.

  I am interested in hearing from current and/or past users of either of
these antennas. Comments about electrical and mechanical performance
would be very helpful, but I'd appreciate any other observations.

  Thanks and 73!

Ron (wb8ruq)
majewski@erim.org
--

Ron Majewski (majewski@erim.org)

The Environmental Research Institute of Michigan

Date: Sun, 30 May 1993 14:57:00 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!theporch!
jackatak!jackhill@network.UCSD.EDU
Subject: Intermod/spurious sigs a common HT problem?
To: info-hams@ucsd.edu

rph@sq.sq.com (Pontus Hedman (ve3rph)) writes:
{ among others }
> You can make most any wide-as-a-barn-door HT *very* intermod-proof simply by
> adding a 2m helical filter inline. The commercial ones cost a bit ($80US or
> so), but it's sure cheaper than buying a whole new radio (although you do get
> a bit of insertion loss on rx).
This continuing thread is amazing: new people come on and ask for
advice about HTs and expanding receive coverage from DC to Daylight.
The older hands try to warn them, but they really don't want the
advice (then why ask? ;^) so they wind up with cobbled solutions that
just don't do the job they want.

IF you want to listen to RF from DC-to-Daylight, why complain when
that is what you hear...ON ALL BANDS?!?!? To then attentuate the
signal by adding outboard filters (maybe you have small enough hands
to get in there and make it internal, but a germ would need an IFR
rating to fly through my mono-band brick! ;^)

What not just plunk down a few bucks more than the price of the
helical filter (and think how much you can save by NOT buying the
DC-to-Daylight HT, but a mono or duo-bander instead! ;^) and get a
SCANNER for the wide coverage?

Seems like having two devices, each designed for what it gets used for
beats hell out of all the bitching and moaning about intermod and
noise.

If you do NOT want the advice, then don't waste bandwidth asking for
it!

73
Jack

+---+
Jack GF Hill	Voice: (615) 459-2636 - Bicycling and SCUBA Diving
P. O. Box 1685	Modem: (615) 377-5980 - Compu$erve 76427,31
Brentwood, TN 37024	jackhill@jackatak.raider.net - Ham Call: W4PPT
+---+

Date: Mon, 31 May 1993 14:55:21 GMT
From: sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!dstock@network.UCSD.EDU
Subject: RSGB books info
To: info-hams@ucsd.edu

Zack Lau (zlau@arrl.org) wrote:

: Am I correct in concluding that there was a time in which amateur
: radio was highly technical and there were a lot of moderately
: theoretical books published for amateurs? Perhaps in the UK, but
: judging from our library, I don't think so.

:   Zack Lau KH6CP/1

Humph! and I thought I'd said the only nice things about an ARRL book.

I was thinking generally about books, commercial magazines and society published journals (Radcom, QST etc)

I think things were once better, and that the periodicals are maybe the best example. Radcom tries to publish a couple of "Technical" articles per issue, but these are really constructional articles on how to duplicate some piece of gear, what is lacking is much of an explanation of how the thing works and how it was designed. The articles are dominated by accessories, although there is the odd transceiver (regrettably transceiver=longer article and the explanation is the first bit to go as it would be incomplete as a construction project were anything else pruned) Radcom had some fine articles in the past (EG Hardcastle on ladder filters) which they probably would not publish today. I remember the old Shortwave Magazine when edited by G6FO with detailed descriptions of the modus operandi of noise limiter circuits, of systems to self tune SSB (That maybe didn't work anyway)

I feel that amateur radio, on average, is getting less technical and that publishers are tracking this trend. This supports the trend as it reduces the possibility of someone with latent ability coming across as much that could trigger their interest. You just have to look at the design flaws in much of the commercial gear, and the need of our respective countries for the talent to reverse the flow of manufactured goods in order to feel a little bit sad about opportunities being missed. In Britain engineers are pictured as men with oily rags and spanners who fail to fix washing machines, in the US it may be a bit better (Railroad train drivers?) but in Germany and Japan more of a picture of wealth creation must come to mind.

These matters always come down to opinions, I suppose, but I feel sure that technical levels ON AVERAGE, have been falling slowly for some time.

Cheers,
David

Date: Mon, 31 May 1993 07:42:39 MST
From: usc!math.ohio-state.edu!cyber1.cyberstore.ca!van-bc!vanbc.wimsey.com!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!ve6mgs!rec-radio-info@network.UCSD.EDU
Subject: Welcome to rec.radio.info!
To: info-hams@ucsd.edu

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1993/05/16 21:57 $
Version: $Revision: 1.05 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next " -- " string. The sections available are:

- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with

a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

 -- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:

```
     /Newsgroups:.*[ ,]rec\.radio\.info/h:j
```

either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:

```
     rec.radio.info:!s/:^
```

in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or

put the following lines:

```
     sequence
     rec.radio.info
     rec.radio.
```

at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

   rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

   Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
sub address radio-info
unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

```
listserv@ucsd.edu
```

Note that the server will automatically delete any address that bounces mail.
If you leave the address portion blank, it will try to deduce your address
from the mail headers. This may not work if you are on bitnet, milnet or
some other non-Unix host, so it is recommended to put your return address
in any case. For example:

     sub mymailbox@myhost.mydomain.mil radio-info
or
     sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

 -- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:
     - unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
     - nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
          saved to /pub/dx/text/rec.radio.info currently stored as
          numbered files.

Effectively this means that anything you post to rec.radio.info will be
permanently stored, so your work will not be lost.

 -- I have a regular posting with timely information, is there a way to
    speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are
willing to take responsible people and provide them the means of posting the
articles directly from their site. We will try everything we can as we fully
realize that DX (distant signal) and astronomical data can be somewhat
transitory. We are also willing to allow regular posters of information the
same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for
news.answer. This requires co-operation and good will to be beneficial to
the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to
suggestions.

I thank the following individuals for their input into this article:
     rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
     rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
     Paul W. Schleck, KD3FU pschleck@unomaha.edu
     Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--

Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

Date: 28 May 93 21:37:23 GMT
From: news-mail-gateway@ucsd.edu
Subject: Yellow Sheets mail fraud -- contact FBI!
To: info-hams@ucsd.edu

If you responded to the large boxed ad on page 3 of the 5/1/93
issue of the Ham Trader Yellow Sheets by Dave Meyers N7KRS,
via any telephone BBS's advertising radio equipment and computers
by this individual, or over the air, or if you know of the where-
abouts of this individual please contact Mr. Dan Marsh of the
Las Vegas, NV FBI office at (702) 385-1281 as soon as possible and
provide him with all the details. A large number of people have
sent this individual money but no one has reported receiving anything
from him. His telephone service has been disconnected and he is
no longer at any of his addresses in the Las Vegas area. Please
also file a mail fraud report with the US Postal Service.

---- Rich K1CC -----------
---- rja@utrc.utc.com ----

Date: 31 May 1993 16:20:11 -0400
From: digex.com!digex.net!not-for-mail@uunet.uu.net
To: info-hams@ucsd.edu

References <1787700025@trsvax>, <1u5ut5$m4p@access.digex.net>,
<1993May29.044220.18566@kd4nc.uucp>ı
Subject : Re: Radio shack 2mtr ht, DTMF tone prob

n4tii@kd4nc.uucp (John Reed) writes:
>bote@access.digex.net (John Boteler) writes:
>>About the name of that function: does the Auto-Reply feature
>>send a Touch Tone "C" at the end of each transmission
>
>I think the feature (problem) you are describing is from an Alinco DJ-f1t
>type radio...

Maybe our repeater will have its shutoff command changed

to simply Touch Tone "C".

End of problem.

--

bote@access.digex.net (John Boteler)
WARNING: You are subject to pre-emption!

End of Info-Hams Digest V93 #662
****